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Toro 53735

Toro Model 53735 Adjustable Variable Arc Sprinkler Nozzle Instruction Manual

Your guide to installation, operation, and maintenance.

1. Introduction

Thank you for choosing the Toro Model 53735 Adjustable Variable Arc Sprinkler Nozzle. This manual provides essential information for the proper installation, operation, and maintenance of your new sprinkler nozzle, ensuring optimal performance and longevity. Please read these instructions carefully before use and retain them for future reference.

2. Safety Information

WARNING: This product can expose you to chemicals which are known to the State of California to cause cancer and reproductive harm. For more information, go to www.P65Warnings.ca.gov.

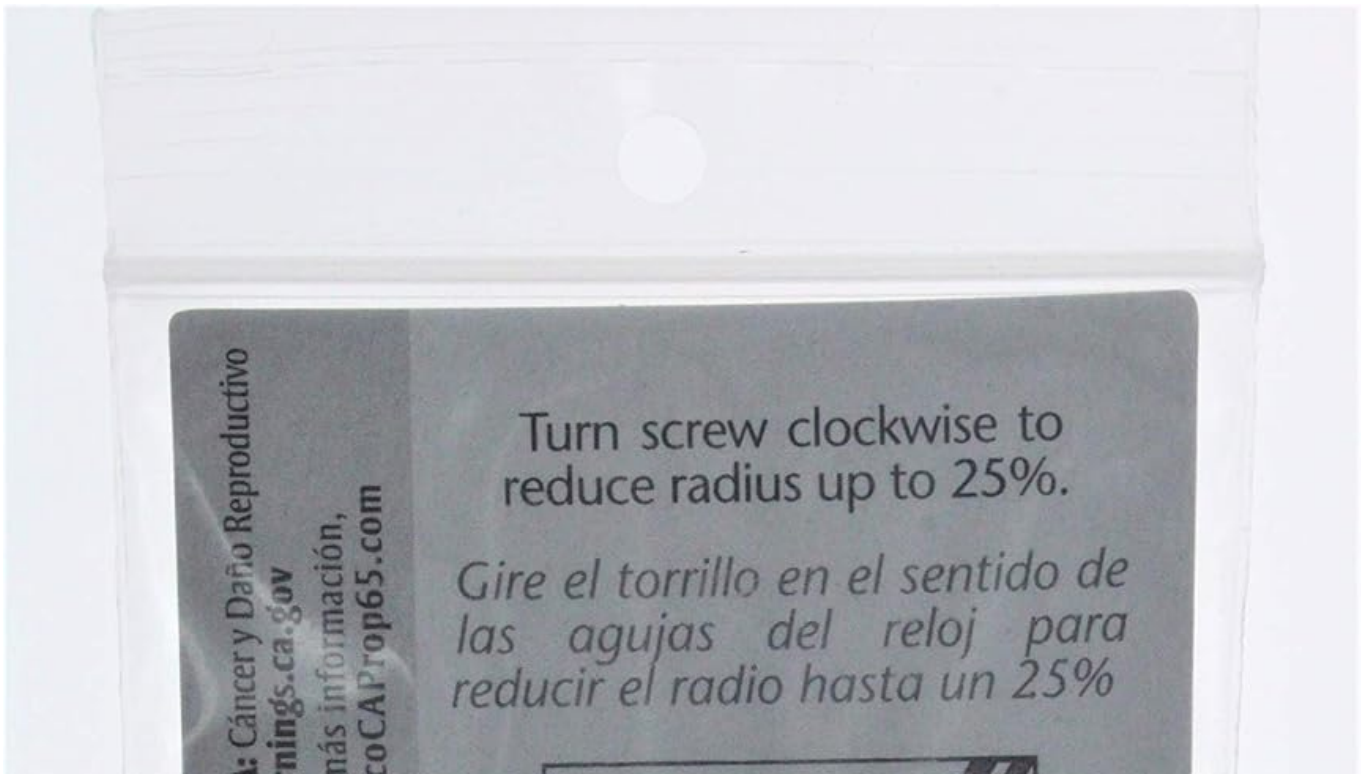




Image: Packaging of the Toro Model 53735 nozzle, showing the Proposition 65 warning and a diagram for adjusting the spray radius.

Always follow local regulations and safety guidelines when installing and operating irrigation equipment. Ensure water supply is turned off before performing any installation or maintenance.

3. Product Overview

The Toro Model 53735 is an adjustable variable arc sprinkler nozzle designed for efficient and precise watering. It allows users to customize the spray pattern and radius to suit specific landscape needs, minimizing water waste and ensuring thorough coverage.

- **Model:** 53735

- **Type:** Adjustable Variable Arc Nozzle
- **Application:** Replacement nozzle for sprinkler systems



Image: Detail of the Toro Model 53735 packaging, highlighting the model number and UPC barcode (0021038537351).

4. Setup and Installation

1. **Turn off Water Supply:** Before beginning installation, ensure the main water supply to the sprinkler system is completely shut off to prevent water leakage.
2. **Remove Old Nozzle (if applicable):** Carefully unscrew and remove the existing sprinkler nozzle from the riser.
3. **Clean Riser Threads:** Inspect the riser threads for any dirt or debris. Clean them thoroughly to ensure a secure seal with the new nozzle.
4. **Install New Nozzle:** Screw the Toro Model 53735 nozzle onto the sprinkler riser by hand. Tighten until snug, but do not overtighten, as this can damage the threads.
5. **Check for Leaks:** Slowly turn on the water supply and check for any leaks around the nozzle connection. If leaks occur, turn off the water, tighten the nozzle slightly, and recheck.

5. Operating Instructions

The Toro Model 53735 nozzle allows for easy adjustment of its spray radius to match your specific watering needs.

- **Radius Adjustment:** To adjust the spray radius, locate the adjustment screw on the top of the nozzle.
- **Reduce Radius:** Using a flat-head screwdriver, turn the screw **clockwise** to reduce the spray radius. The radius can be reduced by up to 25% from its maximum setting.
- **Increase Radius:** Turn the screw **counter-clockwise** to increase the spray radius.
- **Arc Adjustment:** The nozzle is designed with a variable arc. Adjust the arc by rotating the nozzle body on the riser until the desired spray pattern is achieved.

It is recommended to make adjustments while the water is running to observe the spray pattern and radius in real-time.

6. Maintenance

Regular maintenance ensures the longevity and efficient operation of your sprinkler nozzle.

- **Periodic Cleaning:** Periodically inspect the nozzle for any debris, dirt, or mineral buildup that may obstruct the spray pattern.
- **Remove Debris:** If clogs are present, turn off the water supply, carefully remove the nozzle, and rinse it under running water. A small brush or toothpick can be used to gently clear any stubborn blockages from the spray orifices.
- **Winterization:** In colder climates, ensure your sprinkler system, including nozzles, is properly winterized to prevent freeze damage. Consult your sprinkler system's main manual for specific winterization procedures.

7. Troubleshooting

Problem	Possible Cause	Solution
Uneven spray pattern	Clogged nozzle orifice; incorrect arc adjustment	Clean nozzle; adjust arc by rotating nozzle body
Reduced spray radius	Adjustment screw set too low; low water pressure	Turn adjustment screw counter-clockwise; check main water supply pressure
Water leaking from base of nozzle	Loose connection; damaged riser threads	Tighten nozzle; inspect and replace riser if threads are damaged

8. Specifications

Model Number: 53735

Product Dimensions: 1 x 1.56 x 4 inches

Item Weight: 0.352 ounces

Manufacturer: TORO IRRIGATION

ASIN: B00NNA5E8W

UPC: 0021038537351

Country of Origin: Taiwan (as indicated on packaging)

9. Warranty and Support

Specific warranty details for the Toro Model 53735 nozzle are not provided within this manual. For information regarding warranty coverage, technical support, or to purchase replacement parts, please visit the official Toro website or contact Toro customer service directly.

Toro Official Website: www.toro.com

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